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1877-78

# ALLEGHENY COLLEGE.

1877-78.

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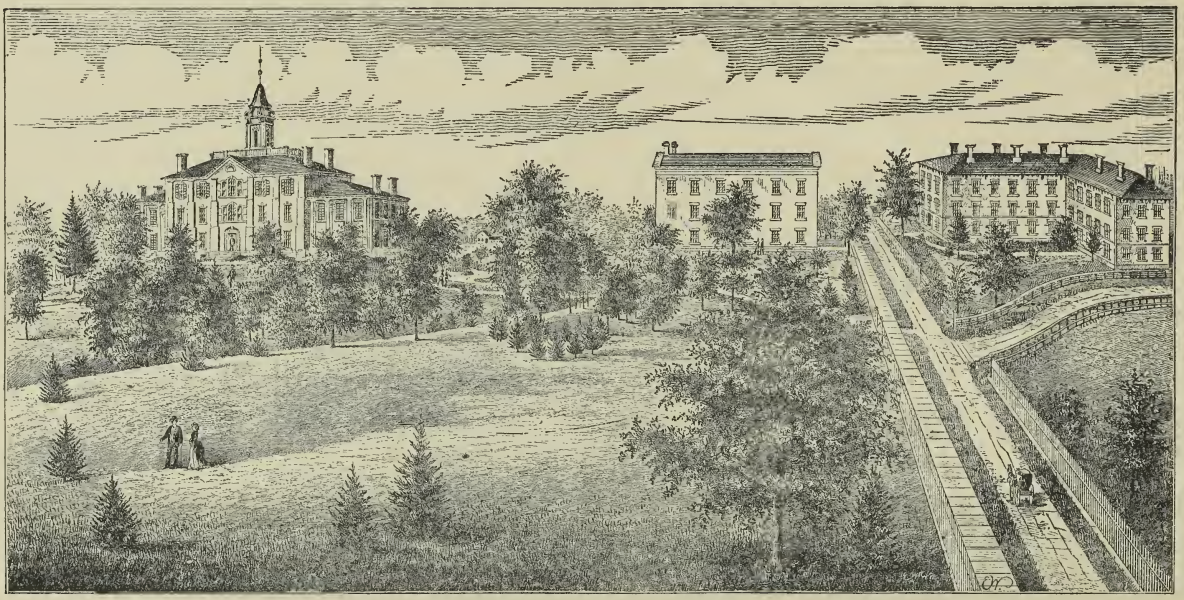

*Bentley Hall.* *Ruter Hall.* *Culver Hall.*

## —ALLEGHENY COLLEGE.—

(View of Buildings and Grounds.)

# CATALOGUE

AND

# ANNOUNCEMENT

OF

# ALLEGHENY COLLEGE

FOR THE

ACADEMIC YEAR,

1877-78.

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MEADVILLE, PENN'A.

Meadville:
Crawford Journal Print.
1878.

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*Deceased.

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*Deceased.

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*Lecturer on English Literature and Public Speaking.*

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*Assistant in Laboratories.*

CHARLES W. REESE, A. B.,

ARTHUR M. SHELLITO,

*Assistants in Preparatory School.*

# THE CHARTER.

This Instrument, obtained from the Legislature of the Commonwealth of Pennsylvania, March 24, 1817, provides "for the education of youth, in the learned Ancient and Modern Languages, in the Liberal Arts and Sciences, and in all useful Literature."

The following schools have been organized, and are now in progress :

The School of Liberal Arts.

The School of Science.

The School of Latin and Modern Languages.

The School of Hebrew and Biblical Literature.

The School of Military Science and Tactics.

The School of Preparation for College.

# The Schools.

# THE COLLEGE.

| | |
|---|---|
| The School of Liberal Arts, - - - | organized 1817. |
| The School of Science - - - - - - | organized 1865. |
| The School of Hebrew and Biblical Literature. - - - | organized 1865. |
| The School of Latin and Modern Languages, - - - | organized 1877. |

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*Mathematics.*

JEREMIAH TINGLEY, A. M., Ph. D.,
*Physics and Chemistry.*

Rev. AMMI B. HYDE, D. D.,
*Hebrew and English.*

CHARLES W. REID, A. M.,
*Greek.*

GEORGE W. HASKINS, A. M.,
*Latin.*

Rev. WILBUR G. WILLIAMS, A. M.,
*Modern Languages.*

Lieut. F. W. HESS, A. M.,
*International Law.*

# STUDENTS.

## SENIOR CLASS.

| | |
|---|---|
| John A. Bolard, | *Conneautville, Pa.* |
| Hyre Dee Clark, | *Buckhannor, W. Va.* |
| Livingston Lewellyn Davis. | *Meadville, Pa.* |
| Andrew C. Ellis, | *Sewickley, Pa.* |
| James Doughty, | *Meadville, Pa.* |
| Jacob Albert Hovis, | *Meadville, Pa.* |
| Ella A. Kinder, | *Pine Grove, Pa.* |
| Mary Elizabeth Kugler, | *Sharon, Pa.* |
| Thompson Brainerd Mackey, | *East Liverpool, Ohio.* |
| William James McClintock, | *Harrisville, Pa.* |
| Christian Albert Miller, | *Leitersburg, Md.* |
| Felix Clarence Pifer, | *Buckhannor, W. Va.* |
| Charles William Reese, | *Mayville, N. Y.* |
| Jacob Patterson Strayer, | *Geneva, Pa.* |
| John Newton White, | *Sewickley, Pa.* |
| Elliott Sansom White, | *Pike Run, Pa.* |

# STUDENTS.

## JUNIOR CLASS.

William McKee Beyer, - - *Tyrone, Pa.*
Charles Andrew Boush, - - *Meadville.*
Wellington Bowser, - - - *Echo, Pa.*
Charles H. Bruce, - - - *New Sheffield, Pa.*
Herschel Lenus Campbell, - *Indiana, Pa.*
Charles William Kugler, - - *Sharon, Pa.*
Austin James Maxwell, - - *Steamburg, Pa.*
Gideon Homer Mosier, - - *Meadville.*
Walter Lowrie McClurg, - - *Meadville.*
Arthur Manly Shellito, - - - *Espyville, Pa.*
Emery Melville Wood, - - *Meadville.*

# STUDENTS.

## SOPHOMORE CLASS.

Edward Thayer Bates, - - - *Meadville.*
Arthur Laban Bates, - - - *Meadville.*
Frank Solomon Chryst, - - - *Warren, Ohio.*
Albert Earnest Colegrove, - - *Corry, Pa.*
Almon Benton Colter, - - - *Venango, Pa.*
Philip Arthur Dix, - - - *Buckhannor, W. Va.*
Charles Albert Ensign, - - - *Newton Falls, Ohio.*
William Henry Hammon, - - *Dicksonburg, Pa.*
Daniel Broadhead Heiner, - - *Kittanning, Pa.*
Parker Y. Kimmel, - - - *Somerset, Pa.*
Harriet Aurelia Linn, - - - *Richmond Centre, O.*
Frank Fremont Lippitt, - - - *Guys Mills, Pa.*
Samuel Mackey, - - - *Sewickley, Pa.*
John Dugan Martin, - - - *Parnassus, Pa.*
George Sullivan Miner, - - - *Fairview, Pa.*
Oscar Burnham Moss, - - *Davison Station, Mich.*
Emery Alden Nelson, - - *Cochranton, Pa.*
Amos Jesse Newell, - - - *Sherman, N. Y.*
Gilbert Almond Nodine, - - *Meadville.*
Charles Lewis Pappenhagen, - - *Meadville.*
Samuel M. Patton, - - - *Cochranton, Pa.*
Frederick Shellito, - - - *Espyville, Pa.*
James Reid Rettew, - - - *Philadelphia, Pa.*
William Warren Shilling, - - *Wheatland, Pa.*
Ida Minerva Tarbell, - - - *Titusville, Pa.*
William Harbaugh White, - - *Sewickley, Pa.*
William Clayton Wilson, - - *Erie, Pa.*

# STUDENTS.

## FRESHMAN CLASS.

John Edmund Adams, - - - *Meadville.*
James R. Andrews, - - - *Adamsville, Pa.*
William J. Armstrong, - - - *Clarington, Pa.*
James Alexander Ballantyne, - *Armaugh, Pa.*
Iris Barr, - - - - - *Titusville, Pa.*
Mary Elnor Broas, - - - - *Titusville, Pa.*
Anna Beatrice Carter, - - - *Meadville.*
Harriet D. Carter, - - - - *Meadville.*
Arthur Dana Colegrove, - - *Corry, Pa.*
Alice Lovina Crosby, - - - *Rome, Ohio.*
Stewart McCauley Decker, - *Franklin, Pa.*
Charles Edward Everett, - - *Randolph, N. Y.*
Andrew Fleming, Jr. - - - *Rimersburg, Pa.*
Simpson S. Ford, - - - *Richmond, Ohio.*
David Arthur Gill, - - - *Meadville.*
David Wilbur Hume, Jr. - - *Woodcock, Pa.*
Lynn Olin Mead, - - - - *Forestville, N. Y.*
Emma Frances Merchant, - *Fredonia, N. Y.*
Clement Wellington Miner, - - *Kinsman, Ohio.*
Edward F. Peffers, - - - *Meadville.*
Mary Seager, - - - - *Randolph, N. Y.*
John M. Sherwood, - - - *Conneautville, Pa.*
Wilbur W. Thoburn, - - - *Bellaire, Ohio.*
James Matthews Thoburn, - - *Pittsburg.*
Judson Augustus Wann, - - *Alliance, Ohio.*

# ADMISSION.

Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

*LATIN.*
- Latin Grammar, including Prosody—Harkness preferred.
- Latin Prose Composition—Harkness preferred.
- Sallust—Catilinarian War, or Allen's Latin Selections.
- Cicero—Eight Orations.
- Virgil—The Bucolics, and six books of the Æneid.

*GREEK.*
- Greek Grammar—Goodwin's preferred.
- Xenophon—Anabasis, seven books complete.

*or*

*MODERN LANGUAGES*
- Six Terms.

*MATHEMATICS AND ENGLISH.*
- Arithmetic.
- Algebra.
- Geometry, five books.
- History—General facts.
- English Grammar and Orthography.

*SCIENCE.*
- Physiology.
- Elements of Natural Philosophy.
- Elements of Botany.

# REMARKS.

The examinations in the common English branches will be insisted upon with no less care than the Languages and Mathematics. Candidates for admission to the *School of Liberal Arts*, to the *School of Science*, and to the *School of Hebrew and Biblical Literature* are required to pass examination in the same studies or subjects. Candidates for admission to the *School of Latin and Modern Languages* are required to pass an examination in an equivalent of Modern Languages in the place of Greek. Candidates for higher standing are examined as above, and also in the studies gone over by the class to which they may desire admission.

The stated times for examination are Wednesday before commencement, at 9 o'clock, A. M., and the two days preceding the opening of the Fall Term, (this year Sept. 19th) the same hour. In special cases candidates may be examined and admitted at other times in the year, excepting that no admission to the Senior Class will be allowed later than the beginning of the year. Candidates for examination will first call at the President's office in Bentley Hall, when further directions will be given.

Those who apply for examination on the days above named should be careful to be punctual at the stated hour.

The place for examination will be Bentley Hall.

Pupils coming from accredited colleges with honorable dismission, and certificates of critical scholarship in certain studies, will be credited those studies.

In all cases, students coming from other colleges must present testimonials of good moral character and standing, and a certificate of regular dismissal. These should be presented to the President at the time of application.

No one can enter the Freshman class until the age of fifteen.

Young men and young women are admitted to the different schools of the College upon the same terms.

# COURSE OF STUDY

IN THE

# SCHOOL OF LIBERAL ARTS.

## FRESHMAN YEAR.

*FIRST TERM.*
- Livy—Roman History.
- Homer, two thousand lines.
- Geometry, Conic Sections, Zoology, } one recitation.
- Twelve lectures on history of Greek Literature.

*SECOND TERM*
- Horace—Odes and Satires.
- Homer, four thousand lines.
- Trigonometry—Plane and Spherical.
- Zoology, completed.
- Twelve lectures on history of Greek Literature.

*THIRD TERM.*
- Horace—Ars Poetica and Epistles.
- Plato.
- Surveying.
- Chemistry.
- Twelve lectures on history of Greek Literature.

Composition and Declamation throughout the year.

## SOPHOMORE YEAR.

*FIRST TERM.*
- Tacitus—Germania and Agricola, Latin Composition.
- Thucydides.
- Analytical Geometry, begun.
- Chemistry.

*SECOND TERM*
- Tacitus, Histories—Latin Composition.
- Sophocles or Aristophanes.
- Analytical Geometry, finished.
- Chemistry.

*THIRD TERM.*
- Cicero de Officiis.
- Calculus—Differential and Integral.
- Demosthenes.
- Mineralogy.

Composition and Declamation throughout the year.

## JUNIOR YEAR.

*FIRST TERM.*
- Physics.
- Art of Discourse.
- History of English Literature.
- History of Roman Literature.

*SECOND TERM.*
- Physics.
- Evidences of Christianity.
- Mental Philosophy.
- History of Roman Literature.

*THIRD TERM.*
- Physics.
- Astronomy.
- Mental Philosophy.
- Logic.

Composition and Speeches during the year.

## SENIOR YEAR.

*FIRST TERM.*
- History of Philosophy.
- Physics—Meteorology.
- Butler's Analogy.

*SECOND TERM.*
- Geology.
- Constitution of the United States.
- Social and National Economy.
- Art Criticism.

*THIRD TERM.*
- Geology.
- Moral Philosophy.
- International Law.

Essays and Practical Speeches during the year.

# COURSE OF STUDY

IN THE

# SCHOOL OF SCIENCE.

## FRESHMAN YEAR.

*FIRST TERM.*
- French Grammar.
- Geometry, finished, } one recitation.
- Conic Sections, }
- Livy—Roman History.
- Zoology.

*SECOND TERM.*
- French Grammar.
- Trigonometry—Plane and Spherical.
- Horace—Odes and Satires.
- Zoology, completed.

*THIRD TERM.*
- French.
- Surveying.
- Horace—Ars Poetica and Epistles.
- Chemistry.

Compositions and Declamations during the year.

## SOPHOMORE YEAR.

*FIRST TERM.*
- French.
- German Grammar.
- Analytical Geometry, begun.
- Chemistry.

*SECOND TERM.*
- French.
- German Grammar.
- Analytical Geometry, finished.
- Chemistry.

*THIRD TERM.*
- French.
- German.
- Calculus—Differential and Integral.
- Mineralogy.

Compositions and Declamations during the year.

## JUNIOR YEAR.

*FIRST TERM.*
- German.
- Physics.
- Art of Discourse.
- History of English Literature.

*SECOND TERM*
- German.
- Physics.
- Evidences of Christianity.
- Mental Philosophy.

*THIRD TERM.*
- German.
- Astronomy.
- Physics.
- Mental Philosophy.
- Logic.

Composition and Speeches during the year.

## SENIOR YEAR.

*FIRST TERM.*
- History of Philosophy.
- Physics—Meteorology.
- Butler's Analogy.

*SECOND TERM*
- Geology.
- Constitution of the United States.
- Social and National Economy.
- Art Criticism.

*THIRD TERM.*
- Geology.
- Moral Philosophy.
- International Law.

Essays and Practical Speeches during the year.

# COURSE OF STUDY

IN THE

## SCHOOL OF HEBREW AND BIBLICAL LITERATURE.

### FRESHMAN YEAR.

*FIRST TERM.*
- Livy—Roman History.
- Homer, two thousand lines.
- Geometry, Conic Sections, Zoology, } one recitation.
- Twelve lectures on history of Greek Literature.

*SECOND TERM*
- Horace—Odes and Satires.
- Homer, four thousand lines.
- Trigonometry—Plane and Spherical.
- Zoology, completed.
- Twelve lectures on history of Greek Literature.

*THIRD TERM.*
- Horace—Ars Poetica and Epistles.
- Surveying.
- Plato.
- Chemistry.
- Twelve lectures on history of Greek Literature.

### SOPHOMORE YEAR.

*FIRST TERM.*
- Hebrew Grammar.
- Greek—Testament.
- Analytical Geometry.
- Chemistry.

*SECOND TERM*
- Hebrew.
- Greek—Testament.
- Analytical Geometry, begun.
- Chemistry.

*THIRD TERM.*
- Hebrew.
- Greek and Greek Lectures on Greek Literature and Philology.
- Mineralogy.

## JUNIOR YEAR.

*FIRST TERM.*
- Hebrew.
- Physics.
- Art of Discourse.
- History of English Literature.

*SECOND TERM*
- Hebrew.
- Physics.
- Evidences of Christianity.
- Mental Philosophy.

*THIRD TERM.*
- Physics.
- Astronomy.
- Mental Philosophy.
- Logic.

## SENIOR YEAR.

*FIRST TERM.*
- History of Philosophy.
- Biblical Literature.
- Butler's Analogy.

*SECOND TERM*
- Geology.
- Constitution of the United States.
- Social and National Economy.
- Biblical Literature.

*THIRD TERM.*
- Geology.
- Moral Philosophy.
- Biblical Literature.

# COURSE OF STUDY

IN THE

## SCHOOL OF LATIN AND MODERN LANGUAGES.

### FRESHMAN YEAR.

*FIRST TERM.*
- Livy—Roman History.
- German.
- Geometry.
- Conic Sections. } one recitation.

*SECOND TERM*
- Horace—Odes and Satires.
- German.
- Trigonometry—Plane and Spherical.
- Zoology, completed.

*THIRD TERM.*
- Horace—Ars Poetica and Epistles.
- German.
- Surveying.
- Chemistry.

### SOPHOMORE YEAR.

*FIRST TERM.*
- Tacitus—Germania and Agricola, Latin Composition.
- German.
- Analytical Geometry.
- Chemistry.

*SECOND TERM*
- Tacitus Histories—Latin Composition.
- German.
- Analytical Geometry.
- Chemistry.

*THIRD TERM.*
- Cicero de Officiis.
- Calculus—Differential and Integral.
- German.
- Mineralogy.

## JUNIOR YEAR.

*FIRST TERM.*
- Physics.
- Art of Discourse.
- History of English Literature.
- History of Roman Literature.

*SECOND TERM*
- Physics.
- Evidences of Christianity.
- Mental Philosophy.
- History of Roman Literature.

*THIRD TERM.*
- Astronomy.
- Physics.
- Mental Philosophy.
- Logic.

Composition and Speeches during the year.

## SENIOR YEAR.

*FIRST TERM.*
- History of Philosophy.
- Physics—Meterorology.
- Butler's Analogy.

*SECOND TERM*
- Geology.
- Constitution of the United States.
- Social and National Economy.
- Art Criticism.

*THIRD TERM.*
- Geology.
- Moral Philosophy.
- International Law.

Essays and Practical Speeches during the year.

# EXPLANATIONS.

*The School of Liberal Arts*, organized 1817, combines all the excellences of the time honored classical course. By immemorial use it has been proven to be the staple course, and is worthy of the confidence and respect which a long and venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The preparation required for entrance upon this course is three years of Latin: two years of Greek; Mathematics, through five Books of Geometry; the Elements of Natural Philosophy, Physiology and Botany, and the usual amount of English and History. The student will see the conditions of admission on page fifteen.

*The School of Science*, organized in 1865, requires the same preparation as the above. In the college years, the French and German Languages take the place of the Freshman and Sophomore Greek, the Sophomore Latin, and the Junior Roman Literature. This course opens up the treasures of Science to the Modern Languages, and by extensive Laboratory practice, and the choice line of Scientific studies, prepares the student for further researches in science. Young men and women, looking toward chairs of science in schools and colleges, will find this course especially adapted to them.

*The School of Hebrew and Biblical Literature*, organized in 1855, and reorganized in 1865, requires the same preparation as the Classical Course, and in the college years the same as the Classical Department, with the exception of the substitution of six terms in Hebrew for the same number of terms in Latin, Greek and Mathematics, and three terms in Biblical Literature for three terms of certain studies in the Senior year, with the addition of two terms in Greek New Testament. This course is designed to accommodate young men contemplating the ministry. Its completion gives one full year's advancement in the Theological Seminary.

*The School of Latin and Modern Languages*, organized in 1877, requires the same preparation as the above courses, with this exception, that six terms of French are substituted for the six terms of Greek in the second and third preparatory years, and after entrance upon the Freshman year, six terms of German are substituted for the Greek of the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to Latin and Modern Languages.

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## EXAMINATIONS.

There will be three examinations of classes during the year. The first will be held on the last three days of the Fall Term. The second on the last three days of the Winter Term. The third will begin a week previous to Commencement.

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## CLASSIFICATION.

The classification in the Catalogue is made at the close of the College year, and gives the class-rank for the year.

A student having completed the studies of the Preparatory Course or their equivalent, and Freshman year, less five, can take rank as Freshman. Having completed the above and the studies of the Sophomore year, less four, he can take rank as Sophomore. Having completed all the above and the studies of the Junior year, less three, he can take rank as Junior. For graduation he must complete the studies of the entire course.

## DEGREES.

The Degree of Bachelor of Arts will be conferred upon those who complete in a satisfactory manner either of the four College courses of study.

The Degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Application should be made to the President as early as the Monday preceding Commencement, advancing the usual fee of Five Dollars.

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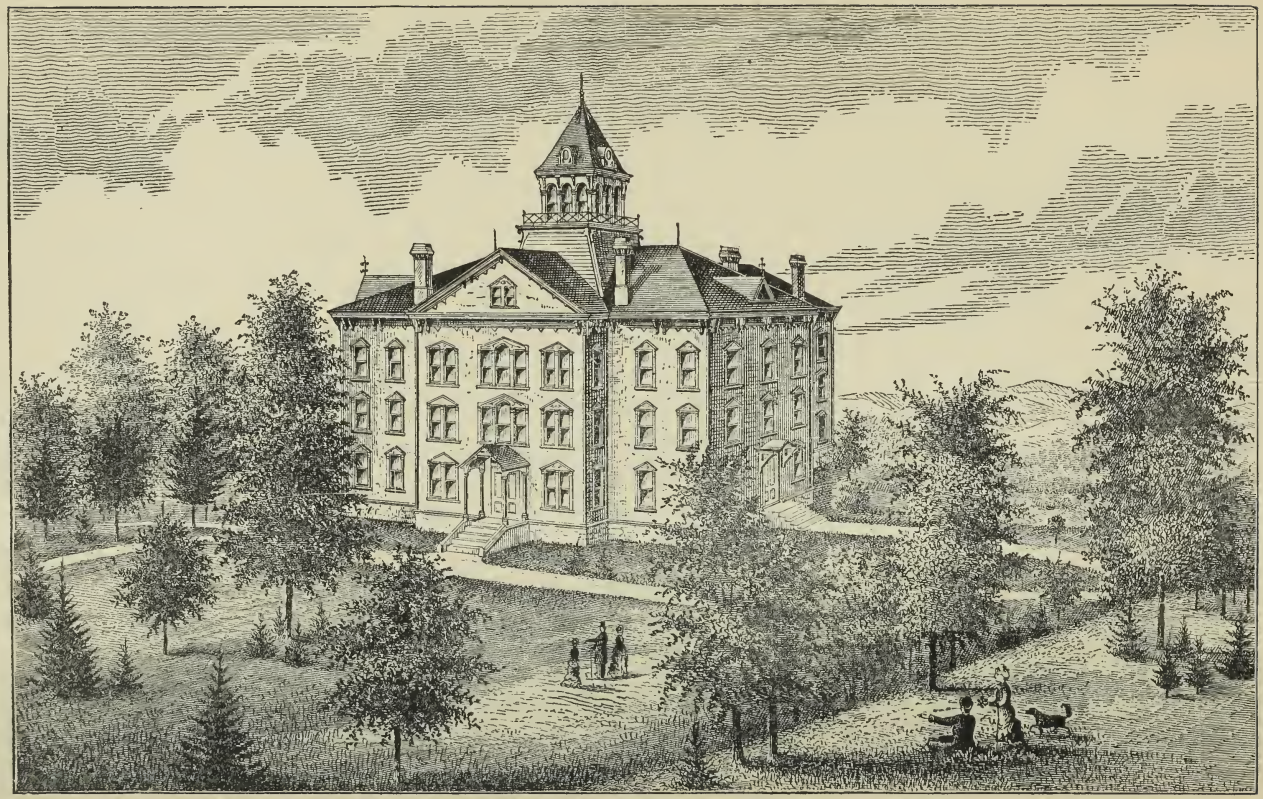
## MATRICULATION FEE.

Each student will be charged Ten Dollars per term, as a matriculation or entrance fee. This amount must be paid before entering classes, and so certified to the Professors by a note from the President.



—PROPOSED LADIES' HALL.—

(To be Located West of Bentley Hall.)

# ALLEGHENY COLLEGE.

## LOCATION.

The location of Allegheny College is most fortunate. The Atlantic and Great Western Railroad passes through Meadville. It is one of the central points on the great through line from East to West. The population is 12,000. It is an old and well-established city. The society is cultured, and the homes beautiful. The location is unusually healthful; it is 500 feet above Lake Erie, and there are no miasmatic districts about it. The city is furnished with gas and water, and the location upon the out-stretching hillsides, as they rise from the beautiful valley of French Creek, makes the drainage excellent. The surrounding country is one of the richest sections of the Keystone State. The College Charter dates back to 1817. It is a very liberal charter. The Trustees, under the Charter, are now joined with the Conferences, by a compact, in conducting the College upon liberal principles, and they are seeking gradually to enlarge its field of usefulness, by adding such schools from time to time as the increasing revenue may warrant. In proportion as liberal-minded men and women give to its endowment and resources, the largest hopes of its friends will be realized.

## PROPOSED LADIES' HALL.

A cut of a very desirable building for a Ladies' Hall is bound with this catalogue. The entire plans and elevation have been drawn by Mr. Snyder, of Akron, O., and presented to the College authorities. It will cost $15,000, and is arranged for fifty boarding pupils. It is the purpose of the Trustees to keep the College out of debt, hence this much needed addition to our group of buildings can only be built through the munificence of the friends of christian education.

# COLLEGE DEPARTMENTS.

## PRESIDENT'S DEPARTMENT.

Instruction is given by the President in Art of Discourse, English Literature, Logic, Mental Philosophy, Evidences of Christianity, History of Philosophy, Butler's Analogy, Constitution of the United States, Social and National Economy, Art Criticism, Moral Philosophy, and International Law. These subjects of study will be accompanied with Lectures, bearing upon certain sections of the various branches. The lectures will be familiar, practical talks, rather than stated and formal discourses. The aim in the Instructions and Lectures will be to put the student into intimate sympathy with the themes of study, in order to an interested and practical discussion of the important subjects involved in these several branches.

## MATHEMATICS AND ASTRONOMY.

To the complete course in pure Mathematics, is added the application of Geometry and Trigonometry to Surveying and Elementary Engineering. Compass, Chains, Transit, and all other necessary implements, are furnished and practically used in the field.

To these branches are devoted five recitations per week through the Freshman and Sophomore years, and the third term of Junior year. The subject of Astronomy can be pursued most advantageously. It is hoped that the splendid telescope of the College—the gift of the Hon. G. B. Delamater—will be in better shape to be used at no distant day.

THE TELESCOPE is an 8 feet refractor, 7½ inches Object Glass, in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. There is also a superb Transit from the hands of Stackpole Bros., New York. These instruments are temporarily mounted, waiting the erection of a suitable Observatory. In addition there are a Sextant, a Transit with Meridian

Finder, a Prismatic Compass, and other instruments essential to the department of ENGINEERING, all of first class workmanship and practically used in the field.

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## DEPARTMENT OF NATURAL SCIENCE.

The leading idea in the instruction given in Natural Science, is to prepare the student for independent research, upon the theory that such method affords at once the highest mental discipline, and most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will constantly be stimulated to pursue his own investigations, under such guidance as will secure precision in method, and accuracy in results.

Illustrated Lectures will frequently be given to make the path clear, and the labor interesting and successful.

Botany and Zoology, commencing in the last term of the Preparatory Course, continue through two consecutive terms of the Freshman Year. In these branches the student is brought face to face with nature and required to make constant observations upon the forms and phenomena of animal and vegetable life about him. Lectures, Recitations, Drill, and Analysis of natural objects, varied according to the nature of the lessons, are in constant use.

PHYSICS AND CHEMISTRY.—No College in America has more complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions,—and the Laboratories, abundantly provided with chemicals and facilities for every kind of chemical work, make these studies unusually attractive and satisfactory. The Course in Chemistry, including Mineralogy, requires four consecutive terms; that of Physics, three additional terms.

MINERALOGY AND GEOLOGY.—After a severe drill with crystallographic models, continuing four weeks, Mineralogy is chiefly taught by Recitation, Lectures, Cabinet Illustrations and Excur-

sions. With the exception of Astronomy, all the classes in Natural Science are assigned to the Chair of Physics and Chemistry.

## CHEMICAL LABORATORIES.

During the past two years three large rooms, each twenty by forty feet in area, have been fitted up in the basement of Bentley Hall for Chemical Laboratories. They are furnished with water and gas, and are already supplied with neat cases for materials and apparatus, and an abundant stock of chemicals for demonstration and analysis, including a well selected cabinet of rare specimens.

When completed, these laboratories will accommodate forty students with separate facilities for practical, chemical and mineralogical study and analysis, according to the methods of the best Scientific Schools. They will be ready for use by the opening of the ensuing Fall term. Arrangements will be made at an early day for post graduate courses of study in Chemistry and other branches of science.

## APPARATUS AND MUSEUM.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Philosophical apparatus of the most approved forms, mostly gifts from Hon. C. V. Culver.

The Apparatus comprises several hundred distinct pieces, affording the most ample means of illustrating every branch of Physics and Chemistry now taught in Collegiate Institutions.

Among the more expensive Instruments are the following:

A compound Microscope, with accessories, manufactured by Zentmayer, of Philadelphia, at a cost of about $500.

A Ruhmkorff Induction Coil, giving a twelve inch spark, by E. S. Ritchie & Co., of Boston, costing $525.

A Thilorier's Apparatus for solidifying Carbonic Acid.

Eighteen Instruments to illustrate the Laws of Undulations.

Auzoux' largest size Anatomical Models of the eye, Ear, Brain, and Larynx.

Apparatus for reproducing Tyndall's experiments on Heat.

Two Polariscopes with accessories.

A Spectroscope with four Prisms.

Complete apparatus for projection, including a first-class Educational Lantern, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting Polarized light, &c.

The Optical Instruments, excepting the Compound Microscope, Telescope, and Astronomical Transit, were made by M. Duboscq, of Paris.

THE MUSEUM embraces several distinct collections of Minerals, Shells, Fossils, &c.

1. THE PRESCOTT CABINET, comprising 2,400 specimens of marine, terrestrial and fresh water shells, and about 3,000 specimens of Minerals and Fossils collected and mounted by Dr. WILLIAM PRESCOTT, of Concord, New Hampshire.

2. THE HALDEMAN CABINET has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 species of Shells, and was purchased of S. S. HALDEMAN, of Columbia, Pa.

3. THE ALGER CABINET.—This magnificent collection, made by the late FRANCIS ALGER, of Boston, was purchased at a cost of $12,000, and contains 5,000 specimens of Minerals, remarkable for their beauty and variety, many of them unique. It embraces also a large number of duplicates, and a handsome *suite* of about 1,500 specimens of Shells. This collection is said to have cost Mr. ALGER over $35,000.

4. CABINET OF LITHOLOGY AND PALEONTOLOGY.—This contains an entire series of the well-known Ward casts, and a very comprehensive and valuable collection of fossils and rocks, to which additions are being made.

5. SMITHSONIAN COLLECTIONS.—In addition to several valuable collections heretofore received from the Smithsonian Institution,

there has been added a *suite* of over 500 specimens of land, marine and fresh water shells, from Panama, Vancouver's Island, and the West Indies, chiefly obtained by the late Prof. C. A. Adams, and authentically labeled by H. Cuming and by Dr. P. B. Carpenter, from the collection of D'Orbigny & Cuming.

6. Entomological Cabinet.—The Cabinet of Insects, embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, of Providence, R. I., and donated by a friend of the College.

7. Collections of the Scientific Club.—In addition to the above named collections there are about 1,000 Zoological specimens, including Birds, Reptiles, Fish and Marine animals; which are constantly being increased in number by the exertions of the Scientific Club.

These valuable collections greatly increase the scientific advantages of the College, and furnish special incentives to the study of Natural Science.

Though not all under one roof, the various rooms used by the scientific department of the College are equivalent in space to a building fifty feet square and four stories in height.

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## DEPARTMENT OF GREEK.

The Preparatory Course in Greek extends over six terms, or two full years. The first term and a half are devoted exclusively to learning the declensions and conjugations. The last four terms and a half are spent upon the seven books of Xenophon's Anabasis. Such a drill is given upon every point of Grammar that this subject is thoroughly mastered before the student enters upon the work of the College course.

Two full years of the Freshman and Sophomore classes are occupied with the study of the Classical Authors.

During the whole course, students are required to translate almost daily from English into Greek.

Thirty-six lectures are given during the Third Preparatory Year upon the History of Greece. Thirty-six lectures are delivered before the Freshman class on the History of Greek Literature.

After this year a course of thirty-six lectures is proposed for the Sophomore class, on the History of Greek Art.

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## DEPARTMENT OF MODERN LANGUAGES.

This Course in French and German requires two years in each, and consists of daily Recitations in each of these Languages. The first two Terms are occupied with the Grammar. The student is required the first year to translate every day, upon the black-board, from the English into these Languages. The second year is spent with the Classical Authors, and all Conversation, Criticisms, &c., are carried on exclusively in the language studied. Especial attention is given to speaking correctly and fluently.

### Work of German Class of 1877.

| | | |
|---|---|---|
| Fall Term, 1875.—Keetel's Grammar, | - - | 148 pages. |
| Winter Term, 1876.—Keetel's Grammar, | - - | 121 " |
| Die Hausmaerchen, | - - | 54 " |
| Spring Term, 1876.—Die Hausmaerchen, | - - | 227 " |
| Conversation one hour per week. | | |
| Fall Term, 1876.—Hausmaerchen, finished, | - - | 30 " |
| Anfang und Ende, | - - | 54 " |
| Die Eisjungfrau, | - - - | 65 " |
| Conversation two hours per week. | | |
| Winter Term, 1877.—Die Eisjungfrau, finished, | - | 68 " |
| Prinzessin Ilse, finished, | - | 38 " |
| Die Jungfrau von Orleans, | - | 59 " |
| Conversation three hours per week. | | |
| Spring Term, 1877.—Die Jungfrau von Orleans, finished, | | 76 " |
| Hermann und Dorothea, | - - | 93 " |
| Emilia Galotti, | - - | 77 " |
| Conversation three hours per week. | | |

WORK OF FRENCH CLASS OF 1877.

Fall Term, 1875.—Keetel's Grammar, - - - 234 pages.
Winter Term, 1876.—Keetel's Grammar, - - - 70 "
DeFiva's Classic French Reader, 10 "
Spring Term, 1876.—DeFiva's Classic French Reader, 242 "
Conversation one hour per week.
Fall Term, 1876.—DeFiva's Classic French Reader, completed, - - - - - - 50 "
Fasquelle's Dumas' Napoleon, completed, - - - - - - 200 "
Telemaque, - - - - - - - 50 "
Conversation three hours per week.
Winter Term, 1877.—Telemaque, completed, - - 332 "
La Petite Fadette, completed, - 205 "
Conversation three hours per week.
Spring Term, 1877.—Le Cid, Horace, Esther, Athalie Le Misanthrope. - - - 225 "
Conversation three hours per week.

## DEPARTMENT OF LATIN.

There will be five recitations per week in this department, running through the Freshman and Sophomore years and two terms in the Junior year, including the History of Roman Literature and Roman History. With the preparations needed for entrance upon the Freshman year, the authors and studies laid down make a most complete Latin course.

## THE STUDY OF ENGLISH.

A hopeful growing interest in the broad and critical study of English is recognized. To encourage this, careful instruction is given, embracing the processes and results of Modern Philology.

## DEPARTMENT OF PUBLIC SPEAKING.

Prof. Nathan Sheppard gave in the Fall a course of lectures before the students upon Public Speaking. He gave this course of lectures also at the Universities of Aberdeen and St. Andrews, Scotland, and they were heartily received. New interest and enthusiasm in Public Speaking have been the result of these lectures throughout the College. These lectures treat in the most practical manner of "the use of the will in public speaking;" the dramatic, colloquial and oratorical elements in public speaking: "physical earnestness;" "the art of being natural," etc., etc., and are accompanied by a severe drill in real speaking, designed to teach the student how to make the most of himself when he stands before an audience. There is no attempt to teach "elocution" or any artificial system, nor is public speaking confounded with recitation, declamation, or dramatic reading. It is, on the contrary, regarded as the serious business of life, and all the faculties that are brought into exercise by the act of addressing a public assembly, are stimulated and disciplined by this course of lectures and exercises.

It is intended to incorporate practically—especially in the advanced classes—the suggestion and directions of Prof. Sheppard in the instruction of this department. He will make the College another visit the ensuing year at which time the students will reap more largely the benefits of his instruction and drill.

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## MUSEUM OF ART HISTORY.

This collection contains sixty casts of works of Sculpture, two hundred Photographs, and the same number of Engravings. They are so selected as to represent characteristic features of the different periods of the Arts of Architecture, Sculpture, and Painting. Among the casts are:

The Apollo Belvedere—original in the Vatican, Rome.

Niobe—original in the Uffizzi Gallery, Florence.

Venus of Milo—original in the Louvre, Paris.

Polhymnia and Ancyrrhoe—originals in the Royal Museum, Berlin.

The Apostles, Peter, Paul and James, by Peter S. Visher—originals in St. Sibaldus Church, Nuremberg.

Moses, by Michael Angelo—original in Rome.

The Nuremberg Nun, Statues of Handel and Lessing, Busts of Sophocles, Euripides, Gœthe, Schiller, and various Egyptian, Grecian, and Medieval bas-reliefs.

The Royal Museum of Berlin has also presented to the Allegheny College, casts of the celebrated Statue of Diana Colonna, busts of Alexander the Great and Julius Cæsar, the Wackenroder Memorial, German and Roman busts, casts of Indian and Assyrian Sculpture, and a fine collection of original German and Classical Antiquities, consisting of German stone Hammers, Battle-axes, Drinking-vessels, and Greek and Etruscan Vases and Lamps.

A large Chinese, and also a Japanese Painting, have been presented to the Museum.

Rev. Mr. Long, Missionary to Bulgaria, has presented some Terra Cottas and Coins from Ephesus.

Friends and patrons of the College traveling abroad are invited to add to this Museum works of Art of any kind, but especially Photographs of Historical Works of Architecture, or original Antiquities of any nation. Copies of the works of native Artists, Memorials of the late war, or any articles to illustrate the history of the Indian or European races on this Continent, will be carefully preserved. The names of the donors will be attached to all articles thus presented.

The collections will be made serviceable in teaching Art Criticism, and for purposes of illustration in the lectures upon Art and Art History.

# PROGRAMME OF RECITATIONS FOR THE ACADEMIC YEAR, 1878–79.

| Hours. | Terms. | President Bugbee. | Professor Hamnett. | Professor Tingley. | Professor Hyde. | Professor Reid. | Professor Haskins. | Prof. Williams. | Prof. Montgomery. | Major Hess. | Assistant. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A. M. | First Term. | Office. | Conic Sections, 1st Div. | Chemistry, (2) | Biblical Literature. | Greek Grammar. | Cicero, (2d) | 1st Div. French, (1) | Latin Grammar, 1st Div. | Tactics Srs., once per week. | |
| 8:30 | Second Term. | Office. | Trigonometry 1st Div. | Chemistry, (3) | Biblical Literature. | Greek Grammar. | Virgil, (1st) | French, (2) | Latin Grammar, 1st Div. | Tactics, once per week. | |
| | Third Term. | Ethics. | Astronomy. | Mineralogy. | Biblical Literature. | Anabasis, (1) | Virgil (2d) | French, (3) | Caesar, 1st div | | |
| | First Term. | Butler. | Analytical Geometry. | Zoology, (1.) | Hebrew, (4th) | Anabasis, (2) | Latin Grammar—fast. | German, (4) | Latin Grammar, 2d Div. | | |
| 9:15 | Second Term. | Mental Philosophy. | Analytical Geometry. | Zoology, (2.) | Hebrew, (5th) | Anabasis, (3) | Latin Reader—fast. | History of Rome. | Latin Grammar, 2d Div. | | |
| | Third Term. | Mental Philosophy. | Calculus. | Chemistry, (1) | | Anabasis, (4) | Caesar, fast. | History of England. | Caesar, 2d div. | | |
| | First Term. | Art of Discourse. | Conic Sections, 2d Div. | Physics—Sr. | Greek Testament. | Thucydides. | Caesar. | French, (4) | Physiology. | Tactics, Jr., once per week. | Higher Arithmetic, (1) |
| 10:00 | Second Term. | Office. | Trigonometry 2d Div. | Geology, (1) | Evidences. | Sophocles. | Sallust. | French, (5) | Nat. Philosophy. | Tactics, Jr., once per week. | Higher Arithmetic, (2) |
| | Third Term. | Office. | Surveying. | Geology, (2) | Greek Testament. | Demosthenes. | Cicero. | French, (6) | | | Higher Arithmetic, (3) |
| | First Term. | History of Philosophy. | Higher Algebra, (2) | Physics—Jr. | Hebrew, (1) | Homer, (1) | Tacitus. G. & A. | 2d Div. French, (1) | Descriptive Geography. | Tactics, S & J once per week. | |
| 10:45 | Second Term. | Political economy and Constitution U. S. | Higher Algebra, (3) | Physics—Jr. | Hebrew, (2) | Homer, (2) | Tacitus—Histories. | French, (2) | History of U. S. | Tactics, S & J once per week. | |
| | Third Term. | Office. | Geometry. | Physics—Jr. | Hebrew, (3) | Plato. | Cicero de Officiis. | French, (3) | Outlines of History. | International Law. | |
| | First Term. | Office. | | Mineralogy, Sr. | English Literature. | History of Greece, | Livy. | German, (1) | Elementary Algebra. | Military Engineering, Srs. twice a week. | |
| 11:30 | Second Term. | Æsthetics. | | | English Grammar. | German, (5) | Horace, (1) | German, (2) | Elementary Algebra. | " " | |
| | Third Term. | Logic. | | Botany. | Art of Expression. | German, (6) | Horace, (2) | German, (3) | Higher Algebra, (1) | " " | |

# SCHOOL OF MILITARY SCIENCE AND TACTICS.

(ORGANIZED 1877.)

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REV. LUCIUS H. BUGBEE, D. D.,

*President.*

FIRST LIEUT. FRANK W. HESS, U. S. A.,

*Professor of Military Science and Tactics.*

(Assigned to duty Feb. 2, 1877.)

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**OFFICERS AND NON COMMISSIONED OFFICERS OF THE BATTALION STAFF.**

*Quartermaster,*

CAPT. JAS. H. MONTGOMERY.

*Adjutant,*

FIRST LIEUTENANT P. A. DIX.

*Sergeant Major,*

S. M. DECKER.

*Quartermaster Sergeant,*

W. W. THOBURN.

## COMPANY "A."

| | | |
|---|---|---|
| Cadet Captain, | - - - - - | J. N. White. |
| " | First Lieut., - - - - | E. S .White. |
| " | Second Lieut., - - - | |
| " | First Sergeant, - - - | W. L.McClurg. |
| " | " - - - - | G. A. Nodine. |
| " | " - - - - | S. M. Patton. |
| " | Corporal, - - - - | C. E. Richmond. |

### *CADET PRIVATES.*

P. A. Bell,
A. H. Butts,
F. E. Baird,
H. C. Carroll,
J. K. Crawford,
E. P. Cullum,
H. C. Flood,
A. J. Gilbert,
J. H. Harper,
W. H. Hammond,
J. H. More.
H. K. Mosley,
A. E. Nash,
C. A. W. Nason,
G. M. Orris,
H. H. Pettis,
S. E. Ryan,
E. M. Robinson,
J. R. Rettew,
E. B. Shugert,
Jos. M. Thoburn,
M. S. Warne,
W. H. Wythe,
W. F. Zimmerman.

## COMPANY "B."

| | | |
|---|---|---|
| Cadet Captain, | - - - - | J. A. Bolard.. |
| " | First Lieut. - - - | James Doughty. |
| " | Second Lieut. - - - | |
| " | First Sergeant, - - - | A. J. Newell. |
| " | " - - - - | D. B. Heiner.. |
| " | " - - - | F. S. Chryst. |
| " | " - - - - | W. V. M. Yates· |
| " | Corporal, - - - - | J. B. Siggins.. |
| " | Corporal, - - - - | J. K. Cubbison. |

*CADET PRIVATES.*

J. R. Andrews.
E. T. Bates,
A. L. Bates,
A. B. Coulter,
G. O. Calder,
G. S. Davis,
W. S. Gleason,
J. A. Harris,
S. S. Hopkins,
J. B. Lincoln,
W. J. McClintock,
W. E. Moore,
W. E. McConnell,
E. A. Nelson,
E. W. Peck,
W. L. Page,
L. A. Powell,
C. F. Richmond,
P. W. Swisher,
A. K. Sears,
E. A. Sears,
F. Shellito,
A. M. Shellito,
F. McK. White,
W. H.White,
E. Q. Whistler,
A. R. Wright.

## COMPANY "C."

| | |
|---|---|
| Cadet Captain, - - - - | L. L. Davis. |
| " First Lieut., - - - | H. D. Clark. |
| " Second Lieut. - - - | |
| " First Sergeant, - - - | J. A. Wann. |
| " " - - - | F. F.Lippitt. |
| " " - - - | J. E. Adams. |
| " Corporal, - - - - | A. D. Colegrove. |
| " " - - - - | F. R. Shryock. |

*CADET PRIVATES.*

M. C. Blystone,
C. M. Burkhalter,
F. R. Burroughs,
C. B. Brockway,
H. L. Campbell,
W. Cowles,
J. L. Cowen,
W. C. Chase,
D. F. Delo,
A. C. Ellis,
E. G. Fullerton,
O. B. Green,
G. H. Grout,
D. W. Hume,
J. Hanna,
I. P. Leonard,
L. O. Mead,
G. H. Mosier,
W. S. McMullen,
W. N. Ridge,
A. H. Siggins,
R. B. Smith,
J. B. Tarr,
T. J. Trace,
W. W. Tarbell,
W. P. Warne,
W. G. Warner.

## COMPANY "D."

| | | |
|---|---|---|
| Cadet Captain, | - - - - | F. C. Pifer. |
| " First Lieut., | - - - | C. W. Rees. |
| " Second Lieut. | - - - | W. M. Beyer. |
| " First Sergeant, | - - - | C. H. Bruce. |
| " " | - - - - | D. A. Gill. |
| " " | - - - - | W. W. Shilling. |
| " " | - - - - | A. J. Maxwell. |
| " " | - - - - | C. A. Boush. |
| " Corporal, | - - - - | G. M. Anderson |
| " " | - - - - | W. Compton. |

*CADET PRIVATES.*

| | |
|---|---|
| W. J. Armstrong, | M. J. Hovis, |
| F. A. Akin, | R. D. Hoskins, |
| A. D. Collins, | W. Kincaid, |
| E. L. Cooper, | W. J. Kennedy, |
| L. L. Doane, | J. C. Leonard, |
| C. A. Ensign, | G. McQueen, |
| S. E. Foster, | W. H. Montgomery, |
| M. Forker, | F. A. Miles, |
| E. A. Griffith, | C. W. Miner, |
| H. R. Hughes, | C. L. Pappenhagen, |
| E. E. Hughes, | W. H. Ray, |
| H. C. Hawkins, | J. H. Ritze. |

A large Hall 55 by 82 feet, has been secured for an Armory where the Cadets drill during the fall and winter months. The Military exercises thus proceed, without interuption, through the entire year.

## I. ORGANIZATION.

For purposes of Tactical Instruction, the male students will be organized into a battalion of four companies, designated "A," "B," "C" and "D" Companies, Allegheny College Corps of Cadets.

The Staff will consist of—

One Captain and Quartermaster,

One First Lieutenant and Adjutant,

One Sergeant Major,

One Quartermaster Sergeant,

One Color Sergeant.

Each Company will be composed of one-fourth the total number of Cadets belonging to the Battalion, and having for Company officers and non-commissioned officers, each—

One Captain,

One First Lieutenant,

One Second Lieutenant,

One First Sergeant.

Four Duty Sergeants.

Four Corporals.

These officers and non-commissioned officers will be selected by the Faculty for their soldier-like bearing and attention to and knowledge of military duty, and will hold office during good behavior and strict attention to duty.

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## II. PRACTICAL INSTRUCTION.

The practical instruction in this School will consist in drills of not more than one hour's duration, on three days in each week. The Cadets will be exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, with bayonet exercise and target practice; the School of the Company, comprising all company movements in double and

single rank formation, and instructions in Skirmishing; the School of the Battalion and in all ceremonies, forms of parade, and Reviews and Honors to be paid by troops.

A limited number of the Cadets, distinguished for their soldierly bearing and attention to military duties, will be selected for instruction in Artillery Tactics, and instruction will be given in the School of the Soldier Dismounted, comprising the Sword Exercise, Manual of the Piece, Mechanical Maneuvers, and in the School of the Battery Dismounted.

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### III. THEORETICAL INSTRUCTION.

This will consist in recitations in Infantry Tactics, Military and International Law, and Field Fortifications; to which will be added a course of lectures on Military subjects, comprising:

1st. Composition and organization of armies, showing that of different armies, the proportion of each kind of troops in the leading armies of Europe, and a historical sketch of the Greek and Roman formations, and those of feudal times.

2d. History and description of the different kinds of Arms and Equipments and Military Machines that have been in vogue among ancient and modern people.

3d. Military Law and practice of Courts Martial.

4th. Military Bridges, including those improvised from materials found in the country.

5th. The use and history of the different Arms—Cavalry, Artillery and Infantry.

6th. Theory of Fire, including the phenomena of combustion of gunpowder, theory of flight of projectiles, shapes and properties of projectiles, and principles of Gunnery.

7th to 10th. Principles of Military Strategy, as illustrated by familiar campaigns and battles in our own and European countries.

Remarks.—Recitation in Tactics, in the Freshman, Sophomore and Junior Years, one hour per week. Recitations in Military and

International Law, and Field Fortifications, in the Senior Year, two hours per week.

The uniform for the Cadet corps consists of a Chasseur cap with college ornaments, a blouse, similar in pattern to that worn by U. S. Army officers, and pants of same material, viz: Middlesex Yacht cloth.

NOTE.—To insure uniformity in color and style, these articles should be procured in Meadville, where the whole cost of the suit is not more than $20.

# SCHOOL OF PREPARATION FOR COLLEGE.

(ORGANIZED 1876.)

## FACULTY.

REV. LUCIUS H. BUGBEE, D. D.,

*President.*

(The College Professors hear several Classes in this School.)

REV. WILBUR G. WILLIAMS, A. M.,

*Modern Languages and History.*

JAMES H. MONTGOMERY, A. B.,

*Latin and Science.*

CHAS. W. REESE,
ARTHUR M. SHELLITO, } Assistants.

### STUDENTS.

THIRD YEAR.

| | |
|---|---|
| Francis Marion Albaugh, - - | New Cumberland, O. |
| George McClurg Anderson, - | Damascus, Ohio. |
| Charles Marks Burkhalter, - - | Sægertown, Pa. |
| Clementine Calvin, - - - | Meadville. |
| Frances Hardin Chandler, - - | Meadville. |
| Alden Dellmont Collins, - - | Villenova, N. Y. |
| Lawrence Walton Colegrove, - | Corry, Pa. |
| William Penn Compton, - - | Churchtown, Pa. |

| | |
|---|---|
| Millard Fillmore Compton, | Grafton, W. Va. |
| James Kerr Cubbison, | Harrisville, Pa. |
| Edgar Perceval Cullum, | Meadville. |
| Emma Florence Delamater, | Meadville. |
| Melva Marie Delamater, | Meadville. |
| Daniel F. De Lo, | Clarion, Pa. |
| May Ford, | Meadville. |
| Elliott Yingling Fullerton, | Parker City, Pa. |
| Kate Glenn, | Meadville. |
| Welden Pollock Grant, | Parker City, Pa. |
| Wm. Henry Griffith, | Mercer, Pa. |
| Herman Carlton Hawkins, | Cattaraugus, N. Y. |
| Ida Josephine Henderson, | Titusville, Pa. |
| Marshall James Hovis, | Clintonville, Pa. |
| Jane B. Hyde, | Utica, N. Y. |
| John Wesley Kahle, | Linesville, Pa. |
| Knighton G. Mead, | Youngsville, Pa. |
| Morrison Scott McMullen, | Meadville. |
| Glenroie McQueen, | Tamarac, Pa. |
| John Hoffman Miller, | Harmony, Pa. |
| William Henry Montgomery, | Turtle Creek, Pa. |
| John Willis Moore, | Meadville. |
| Lillian Arabelle Nason, | Townville, Pa. |
| Winfield Scott Nesbit, | Tarentum, Pa. |
| Cassia Patton, | Cochranton, Pa. |
| Edwin Wolcott Peck, | Linesville, Pa. |
| Herbert Harlem Pettis, | Meadville. |
| Emma Powell, | Cochranton, Pa. |
| Frank Hamilton Powers, | Oscar, Pa. |

William Herman Ray, - - Meadville.
Charles Eyre Richmond, - - Meadville.
William Newcomb Ridge, - Richmond Centre, O.
Samuel Elmer Ryan, - - - Clarksville, Pa.
Edgar Allison Sears, - - Meadville.
Charles Lockhart Smith, - - Meadville.
Harry Stoner, - - - - Berlin, Pa.
Erwin Clark Swartz, - - - Beaver Falls, Pa.
Paul Wade Swisher, - - Parker City, Pa.
William Walter Tarbell, - - Titusville, Pa.
Lewis Edward Tieste, - - Noblesville, Ind.
William Parkinson Warne, - - Monongahela City, Pa
Matthew Simpson Warne, - Monongahela City, Pa
Wilbur Gildersleve Warner, - - Spring Creek, Pa.
Thos. Jefferson Trace, - - Meadville.

SECOND YEAR.

Austin DeWitt Adams, - - Meadville.
Frank A. Aikin, - - - - Elk City, Pa.
Clara Rebecca Allen, - - Foxburg, Pa.
Frank Eugene Baird, - - - Monongahela City, Pa
Perry Albert Bell, - - - Foxburg, Pa.
Marke Clute Blystone, - - - Meadville.
Irving H. Blythe, - - - Malvern, Ohio.
Alfred Halsey Butts, - - - Kankakee, Ill.
George Owen Calder, - - Bruin, Pa.
Harry Cotton Carroll, - - - Meadville.
Cassius Millard Clay, - - Spartansburg, Pa.
William Freeman Compton, - - Grafton, W. Va.

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|---|---|
| Henry Prather Compton, | Rouseville, Pa. |
| Alfred Tennyson Cooper, | Milledgeville, Pa. |
| Edwin Lee Cooper, | Parker, Pa. |
| Yocum Tyson Cozens, | Mercer, Pa. |
| Michael George Cunningham, | Friendsville, Pa. |
| George S. Davis, | Warren, Pa. |
| Claude Morris DeFrance, | Sandy Lake, Pa. |
| Leon Leo Doane, | Meadville. |
| Stephen Edward Foster, | East Cleveland, O. |
| Allen J. Gilbert, | Knox, Pa. |
| William Stone Gleason, | Conneautville, Pa. |
| Harry Hyndman Grazier, | New Paris, Pa. |
| Burton Ellinwood Greene, | Meadville. |
| Frank DeLos Gray, | Riceville, Pa. |
| John Herbert Harper, | North Hope, Pa. |
| Jennie Congdon Haven, | Benton Centre, N. Y. |
| James Henry Harris, | Meadville. |
| Samuel Wilbur Hover, | Hill, Pa. |
| Robert D. Hoskins, | Millerstown, Pa. |
| Nellis Kincaid, | Rouseville, Pa. |
| Carrie Lee, | Meadville. |
| Abner Eddy Linn, | Espyville, Pa. |
| James Boone Lincoln, | Churchtown, Pa. |
| Charles Lincoln Loomis, | Washington, D. C. |
| Joseph Marlatt, | Beaver Falls, Pa. |
| Ida Nora Mays, | Parker, Pa. |
| Judd Henry Moore, | Emlenton, Pa. |
| William Edward Moore, | Coitsville, Ohio. |
| Civilla Emma Morrison, | Meadville. |

SECOND CLASS.

William J. Mosier, - - - Meadville.
George Merriman Orris, - - Meadville.
Walter Douglass Pearce, - - Harmony, Pa.
LeRoy Porter, - - - Pulaski, Pa.
*George Washington Potter, - - Meyersdale, Pa.
Lupher Albert Powell, - - Cochranton, Pa.
Odell Hercules Powers, - - Richmond Centre, O.
Charles Fremont Richmond, - Meadville.
Elisha Marshall Robinson, - - Parker, Pa.
Hamlet Elwood Rossell, - - Union City, Pa.
Richard Riley Ross, - - - Crabtree, Pa.
John A. Collins Ryder, - - Loveville Centre, Pa.
Melvin Lee Schooley, - - - Forestville, N. Y.
Arthur Kurtz Sears, - - Meadville.
William Seymour Shepler, - - Monongahela C'y, Pa.
Elmer Burnside Shugert, - - Pleasantville, Pa.
James Buchanan Siggins, - - West Hickory, Pa.
Alex Hood Siggins, - - West Hickory, Pa.
Josephine Smiley, - - - Reno, Pa.
Ralph Bruce Smith, - - Meadville.
Delos Webster Thayer, - - Hamden, O.
Olcott Root Thomas, - - Compton's Corners, Pa
John Simpson Throckmorton, Jr., - Derby, Iowa.
Lynn Townley, - - - Woodcock Boro, Pa.
Alma Wales, - - - - Foxburg, Pa.
Edward Quimby Whistler, - Mercer, Pa.
Fletcher McKendre White, - - Sewickley, Pa.

*Deceased.

Charles Frederick Woolcott, - Wethersfield, Conn.
Alfred Roger Wright, - - - Akron, Ohio.
William Henry Wythe, - - Millerstown, Pa.
Will Vanness Yates, - - - Union City, Pa.
Charles Buchanan Young, - Lochiel, Pa.

FIRST YEAR.

Charles Newton Bailey, - - Morgan, O.
Clara Eliza Bates, - - - Vernon, O.
George Lowrie Berringer, - - Berringer City, Pa.
Chas. Bourbon Brockway, Jr., - Ripley, N. Y.
Frank Robert Burroughs, - - Columbus, Pa.
Emily Jane Cadwell, - - Richmond Centre, O.
Charles Dibble Calkins, - - Venango Boro, Pa.
James Read Carnahan, - - Rouseville, Pa.
Elic Scott Carroll, - - - Meadville.
Frank Chamberlin, Jr., - - Elk City, Pa.
William Collins Chase, - - Meadville.
James Lysle Cowen, - - Bellaire, Ohio.
Wesley Cowles, - - - Rouseville, Pa.
John Kerr Crawford, - - Franklin, Pa.
Mary Malinda Daniels, - - Reno, Pa.
Sarah Margaret Darr, - - Rouseville, Pa.
Mary Alice Darr, - - - Rouseville, Pa.
Guy Junius DeFrance, - - Sandy Lake, Pa.
Clova Lucy DeFrance, - - Sandy Lake, Pa.
Nettie Gertrude Dempsey, - Kane City, Pa.
Samuel Philo Douglas, - - Harlansburg, Pa.
B. C. Ely, - - - - Meadville.

Charles Frederick Fillmann, - - Newcomerstown, Pa.
Philip Porter Fisher, - - Riceville, Pa.
Benj. Franklin Fleming, - - Cooperstown, Pa.
Harry C. Flood, - - - Meadville.
Matthew Forker, - - - Sharon, Pa.
George Gilbert Gartner, - - Meadville.
Olin B. Greene, - - - - Meadville.
Edward James Griffith, - - Oil City, Pa.
George Hugo Grout, - - - Meadville.
Thomas James Hamilton, - - Avondale, Ohio.
Joseph Hanna, - - - - Kane City, Pa.
James Henry Harper, - - North Hope, Pa.
Frederick Leslie Hay, - - - Girard, Pa.
John Henry Herbest, - - Vicksburg, Pa.
Samuel Simpson Hopkins, - - Latrobe, Pa.
Harry Richardson Hughes, - Franklin, Pa.
Edward Everett Hughes, - - Franklin, Pa.
Elmer McBride Hughes, - - Turkey City, Pa.
Albert Wesley Kahle, - - - Plummer, Pa.
William John Kennedy, - - Knox, Pa.
Anna Eliza Lawder, - - - Richmond Centre, O.
James P. Leonard, - - - Parker City, Pa.
John C. Leonard, - - - Parker City, Pa.
Samuel Parker Long, - -
William Plummer Loveridge, - - Meadville.
Jos. Curry McCombs, - - - Hazelwood, Pa.
Elmer William McConnell, - - Randolph, N. Y.
Fred Aaron Miles, - - - Meadville.
Adam Miller, - - - - Cairo, O.

Isaac Mondereau, - - - Sugar Lake, Pa.
Wallace Wayne Moore, - - Sandy Lake, Pa.
James Norris Moore, - - Millerstown, Pa.
Harry King Moseley, - - Monongahela C'y, Pa.
Frederick William Mundt, - - Plummer, Pa.
Albert Evalon Nash, - - Brooklyn, N. Y.
Charles Arthur Nason, - - Townville, Pa.
William Albert Nason, - - Townville, Pa.
Jane Carlisle Officer, - - - Meadville.
John Wesley O'Neill, - - Coal Valley, Pa.
Watson Lamont Page, - - - Mercer, Pa.
Sophia Pappenhagen, - - - Vallonia, Pa.
William Truman Parsons, - - Spring Boro, Pa.
Ada Bell Pollay, - - - Meadville.
John Henry Reitze, - - - Meadville.
DeLorme Wilson Robinson, - New Castle, Pa.
John Watson Robinson, - - New Castle, Pa.
William B. Stewart, - - - Pleasantville, Pa.
Frank R. Shryock, - - - Meadville.
James Burton Tarr, - - - Meadville.
John Hamilton Tarr, - - - Meadville.
Joseph M. Thoburn, - - Mt. Pleasant, Ohio.
Mary Florence Thompson, - - Oil City, Pa.
William Souder Walker, - - Washington, D. C.
Samuel Harrison Welch, - - North Industry, O.
William Wesley Whitehill, - - Summerville, Pa.
William Smith Whitely, - - West Alexander, Pa.
Frank Hopkins Woods, - - Meadville.
James Arlington Younkins, - Burrell, Pa.
William Fremont Zimmerman, - Meadville.

# PREPARATORY SCHOOL ANNOUNCEMENT.

To supply the demand for a specific school, with a systematic and thorough course of study, adapted to the preparation of pupils for entrance to College, without loss of time, there was opened Sept. 20th, 1876, the Preparatory School of Allegheny College.

The course as laid down is three years, and will compare favorably with any similar school east or west.

This School is under the direct superintendence of the President and Faculty of the College. Teachers of known ability are employed in this School.

It is believed that no better advantages, for a thorough and direct preparation for College, can be obtained anywhere, than are offered here.

It is specifically a College Preparatory School—not an Academy or a Seminary,—hence in perfect harmony with other schools within our patronizing district.

Parents can send their sons and daughters here in perfect confidence that they will be cared for and placed in course of training *in the essential branches*, which will prepare them for College.

A preparation for College should be begun early, and no influences or counsel should deflect a pupil from the systematic drill and order of such a course.

Students coming who are nearly ready to enter College, or who are advanced in some studies and behind in others, can avail themselves of this Preparatory School, and bring themselves up to the grades they are competent to take in the quickest possible time.

*All students entering the Preparatory School should bring letters from pastors or parents, and certificates from their teachers concerning proficiency and standing, and present the same to the President.*

# COURSE OF STUDY

FOR THE

# PREPARATORY SCHOOL.

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## FIRST YEAR.

*FIRST TERM.*
- Latin Grammar and Lessons.
- English Grammar and Orthography.
- Higher Arithmetic.
- Descriptive Geography.

*SECOND TERM.*
- Latin Grammar and Lessons.
- English Grammar and Syntax.
- Higher Arithmetic.
- History of the United States.

*THIRD TERM.*
- Cæsar and Latin Composition.
- Higher Arithmetic, finished.
- The Art of Expression.
- Outlines of History.

Compositions and Declamations during the year.

## SECOND YEAR.

*FIRST TERM.*
- Cæsar and Latin Composition.
- Greek Grammar.
- Elementary Algebra.
- History of Greece.

*SECOND TERM.*
- Sallust's Catilina and Latin Composition.
- Greek Grammar.
- Elementary Algebra, finished.
- History of Rome.

*THIRD TERM.*
- Cicero's Orations and Latin Composition.
- Anabasis—First Book—five chapters.
- Higher Algebra.
- History of England.

Compositions and Declamations during the year.

## THIRD YEAR.

*FIRST TERM.*

- Cicero's Orations and Latin Composition.
- Anabasis—to middle of 2d book.
- Higher Algebra.
- Physiology.
- Twelve Lectures on History of Greece.

*SECOND TERM.*

- Virgil and Mythology.
- Anabasis—to middle of 4th book.
- Higher Algebra, completed.
- Elements of Natural Philosophy.
- Twelve Lectures on History of Greece.

*THIRD TERM.*

- Virgil and Mythology.
- Anabasis, completed.
- Geometry.
- Botany.
- Twelve Lectures on History of Greece.

Composition and Declamation through the year.

# MISCELLANEOUS.

## RELIGIOUS CULTURE.

The central aim of the College is to impart a sound Christian education. The religiousness of all true knowledge; the needs of the human mind in the direction of religion, in order to the highest moral manhood, are sufficient reasons why Christian obligations should be inculcated in all institutions where all knowledge is taught. It will be the steady effort of the Faculty to induce all of the students to accept and practice a religious life.

The Scriptures are read and Prayer offered mornings in the College Chapel, at which time all the Students are required to be present.

Regular attendance on some place of religious worship on the Sabbath is a requirement of the College.

The Students' Prayer Meeting will be held on Wednesday evening of each week.

Bible Classes are held every Sabbath morning in the M. E. Church and other Churches, and all of the students are invited to become members.

## LECTURES.

Prof. Nathan Sheppard, M. A., delivered in the fall a course of five lectures, under the auspices of the Senior Class, on English Authors, viz: Ruskin, George Eliot, Macaulay, Carlyle, and Dickens.

Rev. Wm. H. Locke, D. D. gave his lecture on "Cardinal Antonelli" in the College Chapel. Rev. S. M. Vernon, D. D., gave a lecture entitled "Books their Use and Abuse."

These lectures were greatly enjoyed by Students, Faculty and Citizens. Other courses of lectures will be delivered by Professor Sheppard and other gentlemen, during the next Academic Year. Prof. Tingley gives a course of popular lectures on Scientific subjects before the students and the public.

## PRIZES, 1877-78.

The Beth Gimel Lamed Prize, established in connection with the Allegheny Literary Society, was not awarded.

The Centenary Prize, for best oration, established in connection with the Philo-Franklin Literary Society, was awarded to

O. B. MOSS.

### *DECLAMATIONS.*

The Chambers Prize, established in connection with the Philo-Franklin Society, and competed for by all its members, was awarded to

J. E. ADAMS.

The Keystone Prize, established in connection with the Allegheny Literary Society, and competed for by all of its members, was awarded to

S. M. DECKER.

The Chesbrough Prize, established in connection with the Ossoli Literary Society, and competed for by several young ladies, was awarded in 1877,

First Prize—IDA M. TARBELL.
Second Prize—ANNA B. CARTER.
In 1878—JOSEPHINE SMILEY.

### *ESSAYS.*

The Hazeltine Prize, Allegheny Literary Society, was awarded to

E. M. WOOD.

The Woodruff Prize, Philo-Franklin Society, not awarded.

The Allegheny Prize, Allegheny Literary Society, not awarded.

The Kalamathean Prize, Philo-Franklin Society, was awarded in

1877—J. D. MARTIN.
1878—L. O. MEAD.

## LITERARY SOCIETIES.

There are four thoroughly organized Literary Societies: the Allegheny, Philo-Franklin, Ossoli (the ladies' society), and the Athenian, organized in the fall of 1877. It is a vigorous society, composed chiefly of pupils in the Preparatory Department. The first three have their respective Halls and Libraries. Large expenditures have been made during the last three years in fitting up these rooms by the respective societies. They are elegant in design and furnishment, and are important factors in the resources of the College. The societies hold public Literary and Prize Contests in the Chapel occasionally.

## LIBRARY.

The College and Society Libraries contain upward of 15,000 volumes, embracing many rare and valuable works, and accessible to all students. It is safe to say that there will be added each year to come from six hundred to one thousand volumes. New energy and life has been infused into the Library. Alumni and friends are contributing freely and gladly to its enlargement. Among the recent additions is a donation from the heirs of the late David Dick, Esq., of 760 volumes. This donation was made in the spring of 1877, and is an instance of the local interest manifested in the success of the Library and the College.

Prof. Tingley has continued his efforts during the past year, and the result has been the addition of at least 1,000 volumes to the Library. The best standard and current literature will now be found upon the shelves.

## SCIENTIFIC CLUB.

An impetus to scientific culture has been given by the recent organization of a Society bearing the above name. It is composed chiefly of students, and holds semi-monthly meetings. Its chief objects are the study and collection of the Natural History of the

district about Meadville, which is one of extraordinary richness, both as to plants and animals. The Club also provides for regular meteorological observations, and will publish a daily bulletin containing the first Morning Weather Report from the Bureau at Washington. Several interesting lectures have been delivered before the club during the year. It has been arranged to make exchanges with the New York Aquarium. The Department of Natural History was never in so vigorous condition. The meetings of the Club during the last year have been very useful and interesting.

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## READING-ROOM.

The Reading Room has been removed to the spacious Library Hall. Its advantages are invaluable, and highly prized. It provides for its members all that is desirable in modern Periodical Literature, American, English, French and German, together with Dictionaries, Atlases, Encyclopedias and other books of reference. It is accommodated in the spacious Library. It is now an important auxiliary of the College.

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## YOUNG MEN'S CHRISTIAN ASSOCIATION.

This is an active organization of the Christian young men of the College for purposes of personal improvement and direct assistance in religious meetings, which may be held in the churches of the city, or of the surrounding country. Its anniversary will be held on the last Sabbath evening of the College year, at which time reports will be read and a sermon or addresses delivered.

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## EXPENSES.

The price of board has been *greatly reduced* as the subjoined statement indicates: The Board of Trustees have placed the

boarding hall under the control of Prof. Reid. The co-operative system has been in successful operation for over two years: each student pays only for the actual cost of board; one hundred and sixty different students were present during the past year in Culver Hall. *The total expenses of each, for board, room rent, fuel, room cared for, and bed linen washed*, averaged: Fall Term, $2.69 per week; winter term, $2.82 per week; Spring term, $2.60 per week.

One hundred and twenty students can be accommodated in "*Culver Hall*" at one time.

*Tuition is free* in the College. The matriculation fee will be $10 each term. The total expense for a student during the three terms of the year, *including board, room rent, fuel, lights, washing, matriculation fee, books and clothing*, with ordinary economy, need not exceed $200.

Students can board themselves, if they prefer, at from $1.50 to $2.50 per week. There are many convenient rooms adjacent which can be rented for self-boarding. Board can be obtained in families at from $3.50 to $4.00 per week, including furnished room.

## RECENT IMPROVEMENTS.

Extensive improvements were begun in August, 1875, involving many alterations and repairs, and the introduction of several new and much needed features. A new and beautiful Chapel 40x65 feet occupies now the entire second floor of Ruter Hall: two elegant flights of stairs and an ample vestibule make the approaches pleasant. This chapel is carpeted with cane matting, is seated with chairs, is neatly frescoed, is lighted with gas, and a superior Bradbury Piano graces the rostrum. The *new laboratories* are referred to in the department of Science. The renovated and newly furnished Society Rooms are spoken of in the article upon the Societies. The Recitation Rooms were all thoroughly repaired and painted, and are seated with chairs. The exterior of Bentley Hall has been greatly improved, and arrangements are being made to beautify the Campus still further. The total cost of these improve-

ments has been about $7,500. The old College of sixty years standing has taken on a new life and proposes a vigorous advance in all that constitutes a well appointed institution of learning. The patronage of the last year over the previous one has been about 50 per cent.

## YOUNG LADIES' HALL.

Young women are now admitted to the different courses of study in the College, and are entitled to all the privileges and honors of the same.

The authorities of the College have rented a Hall for all who come from a distance, where home comforts, protection and care can be had, while they are pursuing the various departments of instruction.

At the opening of the Spring Term the co-operative system of boarding was introduced into the Young Ladies' Hall. The total expense for board, fuel and lights was for the month of April, $2.75 per week, for May $2.84 per week. It is guaranteed that the average expense per week, during the year, for board, fuel and lights, shall not exceed $3.00.

The Hall will accommodate thirty young ladies.

If instruction in music or art is desired it can be obtained at *reasonable rates* and of teachers who are masters in these branches. *Correspondence with the President concerning any department will receive prompt attention.*

# SUMMARY OF STUDENTS.

| | | | |
|---|---|---|---|
| THE COLLEGE: | | | |
| Senior Class, | | 16 | |
| Junior Class, | | 11 | |
| Sophomore Class, | | 27 | |
| Freshman Class, | | 25 | |
| | | | 79 |
| SCHOOL OF MILITARY SCIENCE: | | | |
| *Staff Officers*, | | 4 | |
| *Company A;* | | | |
| Officers, | 7 | | |
| Privates, | 24 | 31 | |
| *Company B;* | | | |
| Officers, | 9 | | |
| Privates, | 27 | 36 | |
| *Company C;* | | | |
| Officers, | 8 | | |
| Privates, | 26 | 34 | |
| *Company D;* | | | |
| Officers, | 10 | | |
| Privates, | 24 | 34 | |
| | | | 139 |
| SCHOOL OF PREPARATION FOR COLLEGE: | | | |
| Third Year, | | 52 | |
| Second Year, | | 73 | |
| First Year, | | 81 | 206 |
| Total in the Schools, | | | 424 |
| Mentioned twice, | | | 129 |
| Total number of students during year, | | | 295 |

NOTE.—The names of the visitors from the Pittsburgh Conference are not correct, as published on the 5th page. They are as follows: Rev. Wm. Lynch, Rev, W. P. Turner, Rev. N. G. Miller, Rev. A. C. Johnson, Cyrus Clarke, Jr., Mrs. Alice Hanna. The name of Mrs. Dr. Hill should have been among the visitors from East Ohio Conference.

# CALENDAR, 1878-79.

1878.

APRIL 2, Tuesday, Spring Term began.

JUNE 18, Tuesday, Examinations begin.

JUNE 22, Saturday evening, Anniversary of Allegheny Literary Society.

JUNE 23, Sunday, 11 A. M., Baccalaureate Sermon.

JUNE 23, Sunday evening, Sermon before Y. M. C. Association.

JUNE 24, Monday evening, Anniversary of Ossoli Literary Society.

JUNE 25, Tuesday evening, Anniversary of Philo-Franklin Literary Society.

JUNE 25, Tuesday, 3 P. M., Annual Meeting of Board of Control.

JUNE 26, Wednesday, 10 A. M., Annual meeting of Board of Trustees.

JUNE 26, Wednesday, 11 A. M., Annual Meeting of the Alumni.

JUNE 26, Wednesday evening, Anniversary Address and Poem before Alumni Association.

JUNE 27, Thursday, 9 A. M., *Commencement.*

VACATION TWELVE WEEKS.

SEPT. 19, Thursday, 9 A. M., Fall Term begins.

DEC. 19, Thursday, Fall Term ends.

VACATION TWO WEEKS.

1879.

JAN. 2, Thursday, Winter Term begins.

JAN. 30, Thursday, Day of Prayer for Colleges.

FEB. 22, Saturday, Washington's Birth-day Anniversary.

APRIL 2, Wednesday, Winter Term ends.

APRIL 3, Thursday, Spring Term begins.

JUNE 26, Thursday, *Commencement.*

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Officers of
Prizes 187
Proposed L
Reading R
Religious
Scientific
School of

Students

Summary
Young L
Young M